

FLOOD CONTROL CONSTRUCTION COST-SHARE PROGRAM PRIORITIZATION

Prioritization of SWIF Capital Project List

PROJECT NAME:	Ferndale LIP	Rayhorst widening/bs	Red River Repair	Appel Culvert	Devries Reshaping	Neevel Bank Stabilization	River Rd Gap	Bertrand LB Riprap	Bertrand RB Riprap	Lynden Culverts	Upper Hampton BS	Abbott Realign	Twin View widen/BS	S-W riprap	Deming Hook	Glacier	
Pre-Screen: Is there an existing structure?																	
1. Current land use? (What asset is at risk?*)																	
Public (treatment plants score 10, bridges & fire stations score 9, roads score 8)	8-10																
Commercial/Agricultural/Community Centers	5-7	10	8	8	7	5	5	6	6	7	10	8	8	8	5	3	8
Residential	3-4																
Developed Recreational	1-2																
		3 treatment plants	Ferndale Rd, Haxton Way	Hillaire, Kwina, Haxton	drains all of DD#3	affects lower third of DD#3	affects lower third of DD#3	ag land and farmsteads	ag land and farmsteads	ag land and farmsteads	Lynden WWTP	Hampton Rd	Abbott, Thiel, Hannegan	SR 544 overflow culvert, fill	water gets behind levee, erosion of ag	hook deflects only	Mt Baker Hwy
2. How serious is the potential impact?																	
Human injury or death could result from deep fast flows or sudden changes (e.g levee failure)	9-10																
Total loss of developed land use	7-8																
Severe flood or erosion damage that will heavily impact those affected.	5-6	10	10	6	5	6	6	1	6	6	6	9	4	6	6	1	10
Moderate flood or erosion damage which will not likely have a long term impact on those affect	3-4																
Flooding that interrupts human activity or will result in some clean up needs but which will resu in little damage that will need to be repaired.	1-2																
		travelling public	residents	saltwater in wetland bank	culvert is failing	d/s ag land too wet to farm	d/s ag land too wet to farm	gap has been there awhile	no spring flood protection	needed for spring flood protection	WWTP operations impacted	high levee in places	low levee	ag land, storage facility	forest may buffer impacts	ACOE driving repair	debris flow reaching Hwy
3. How extensive will the impact be?																	
Regional (impacts will be felt well outside the area in which the flooding or erosion occurred)	7-8																
Severe (city centers, large neighborhoods, large tracts of agricultural land)	5-6	7	7	6	5	4	4	4	4	6	7	6	6	4	4	1	8
Moderate (several structures, roads impacted, smaller tracts of agricultural land)	3-4																
Localized (affects a few homes or business)	1-2																
		water users outside fp	Haxton - ferry access	Lummi Nation, 100's ac of ag land	drains large tracts of ag land	smaller tract of ag land	smaller tract of ag land	ag land and farmsteads	ag land and farmsteads	large tracts of ag land	WWTP customers	ag land, Hannegan Rd	ag land, Hannegan Rd	ag land, storage facility	ag land and farmsteads	single landowner	sole access road
4. How soon will the impact occur?																	
Damages will occur during next major highwater event	5-6	3	2	2	4	1	3	1	4	4	4	3	4	2	4	1	2
Damages may occur during next major highwater event	3-4																
Damages will eventually occur	1-2																
US POINTS		sandbagged in 09	sandbagged in 09; model shows 100 LOP	erosion is slow	culvert has separated joint	levee has been that way for years	slope stability issue	gap has been there awhile	erosion is into prism	erosion is into prism	some damage this winter	been like this for years	erosion is active	been like this for years	existing damage	been like this for years	been like this for years
1. Is the potential solution specifically identified and consistent with the CFHMP?	3	3	0	1	3	1	1	1	3	3	3	3	3	3	1	0	3
2. Is potential solution consistent with the salmon recovery plan (integrates fish and flood)?	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	1
3. Are opportunities for outside funding available now?	1	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	1
		in FbD app									in FbD app						WSDOT has some \$ for bridge
TOTAL SCORE		34	27	23	26	17	20	13	23	26	32	29	25	23	21	6	33

* Consider appropriateness of land use given risk and impact to community if asset is destroyed. If asset is within historic migration zone, score at low end of range.

Rank: 1 5 9 6 14 13 15 9 6 3 4 8 9 12 16 2